

# Unintentional Drug- and Alcohol-Related Intoxication Deaths\* in Maryland

Data update through 2<sup>nd</sup> quarter 2017

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This report contains counts of unintentional drug- and alcohol-related intoxication deaths\* occurring in Maryland through the 2<sup>nd</sup> quarter of 2017, the most recent period for which preliminary data are available. Counts are also shown for the same period of 2007-2016 to allow for review of trends over time. Counts for 2017 are not complete and are subject to change.

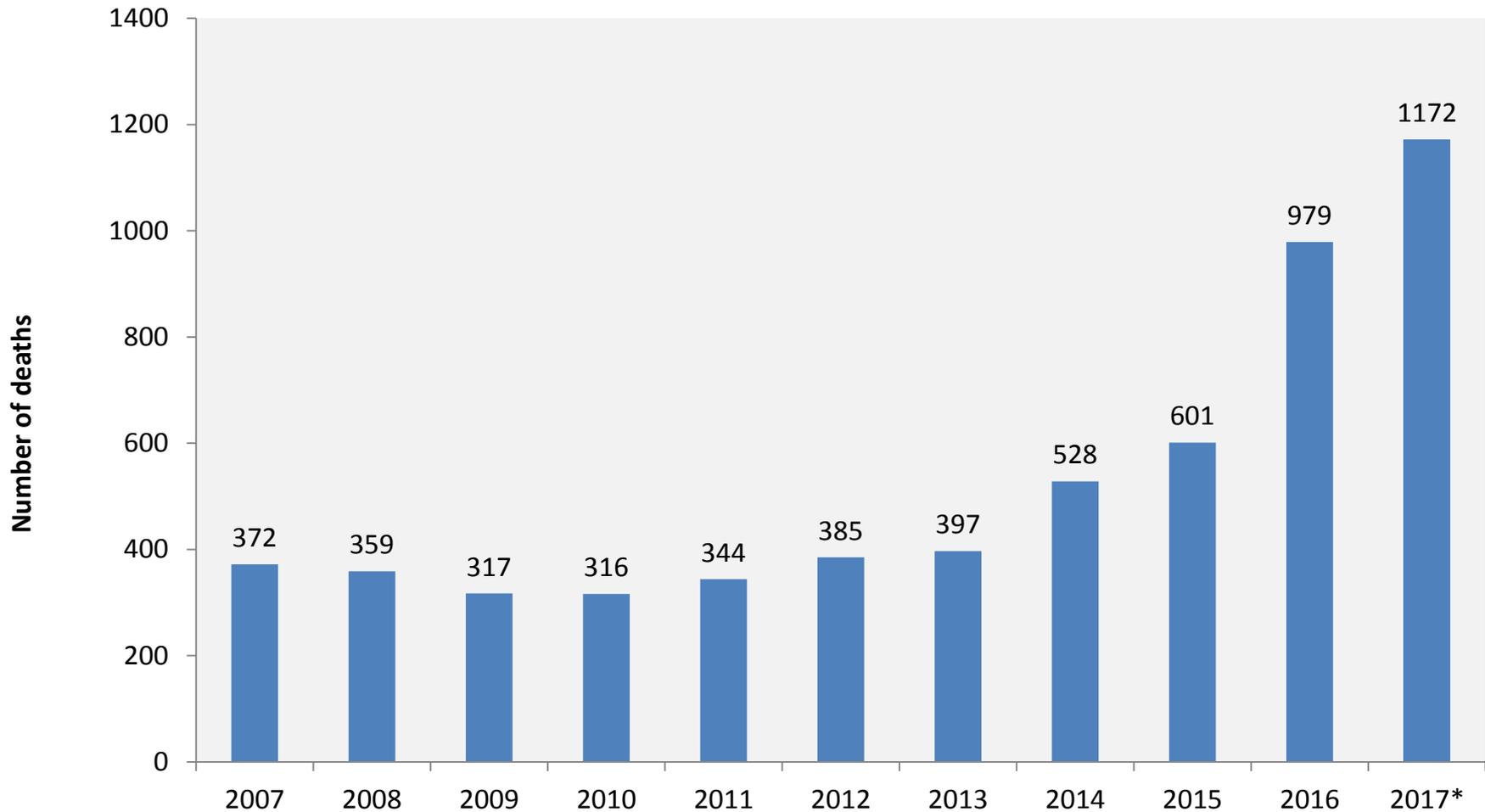
Since an intoxication death may involve more than one substance, counts of deaths related to specific substances do not sum to the total number of deaths.

\*Deaths resulting from recent ingestion or exposure to alcohol or other types of drugs, including heroin, prescription opioids, prescribed and illicit forms of fentanyl (including carfentanyl), cocaine, benzodiazepines, phencyclidine (PCP), methamphetamines and other prescribed and unprescribed drugs.



MARYLAND  
Department of Health

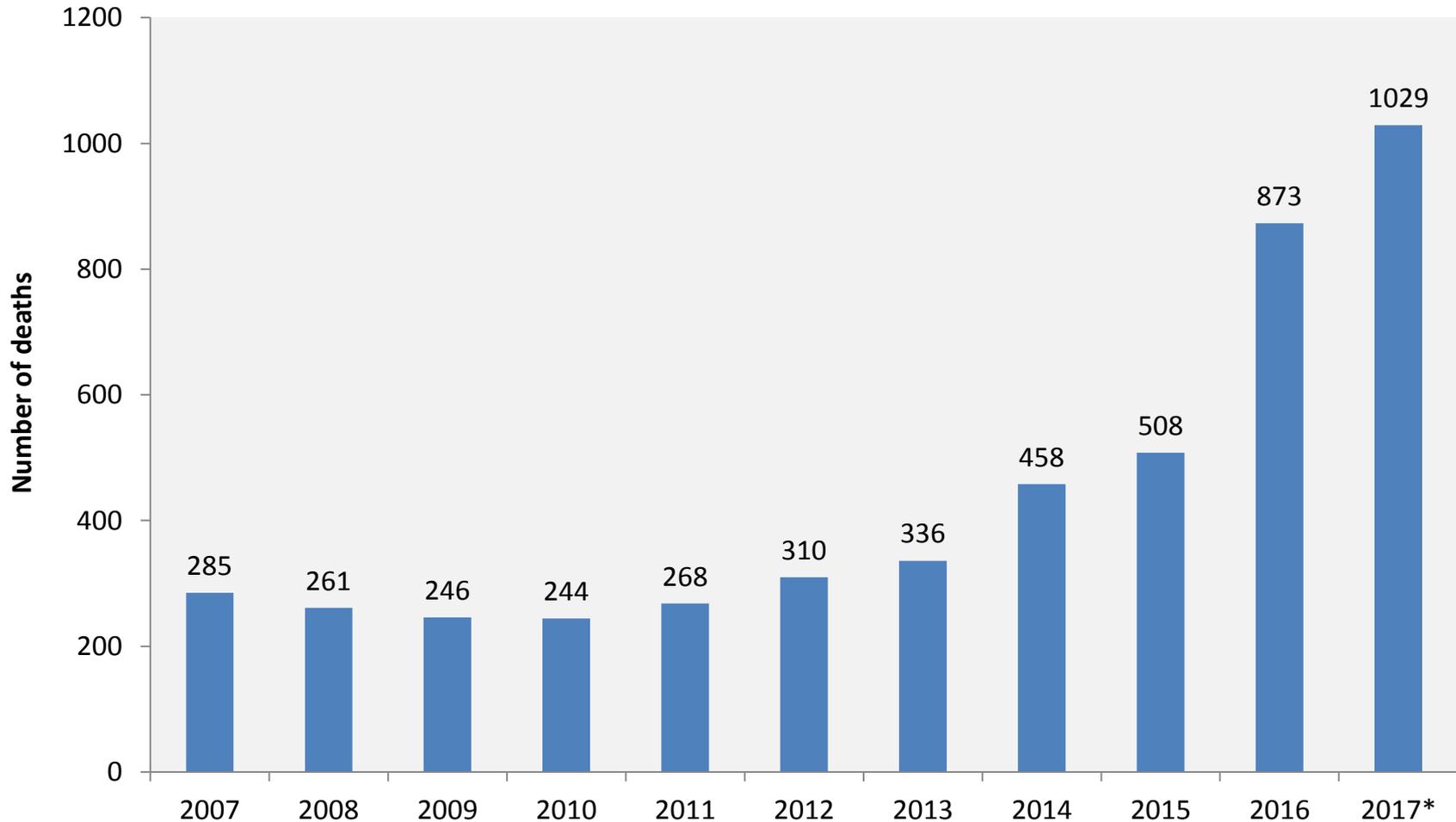
**Figure 1. Total Number of Unintentional Intoxication Deaths Occurring in Maryland from January-June of Each Year.\***



\*2017 counts are preliminary.

**Figure 2. Number of Opioid-Related Deaths Occurring in Maryland from January through June of Each Year.\***

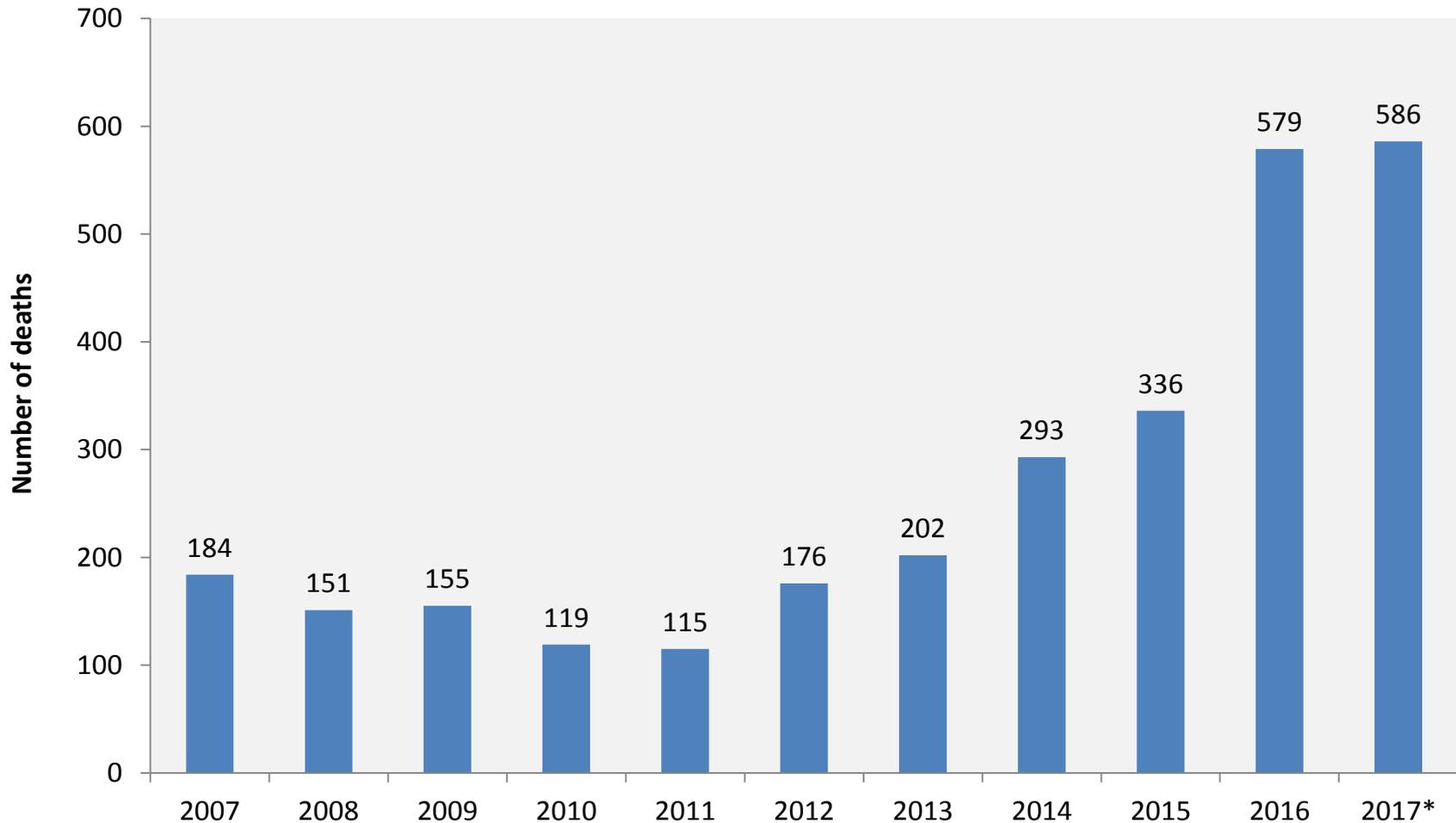
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\*2017 counts are preliminary.

**Figure 3. Number of Heroin-Related Deaths Occurring in Maryland from January through June of Each Year.\***

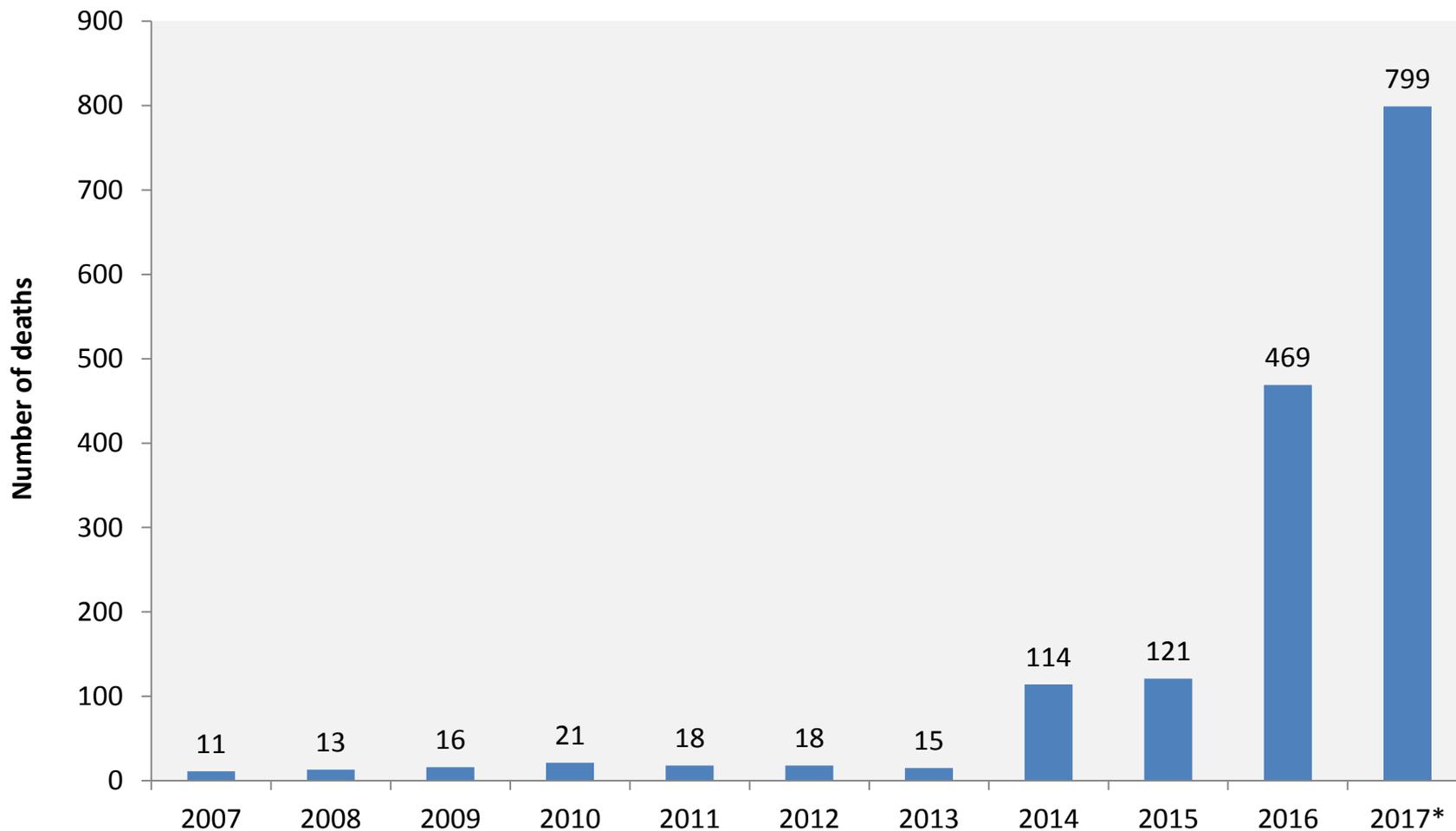
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\*2017 counts are preliminary.

**Figure 4. Number of Fentanyl-Related Deaths Occurring in Maryland from January through June of Each Year.\***

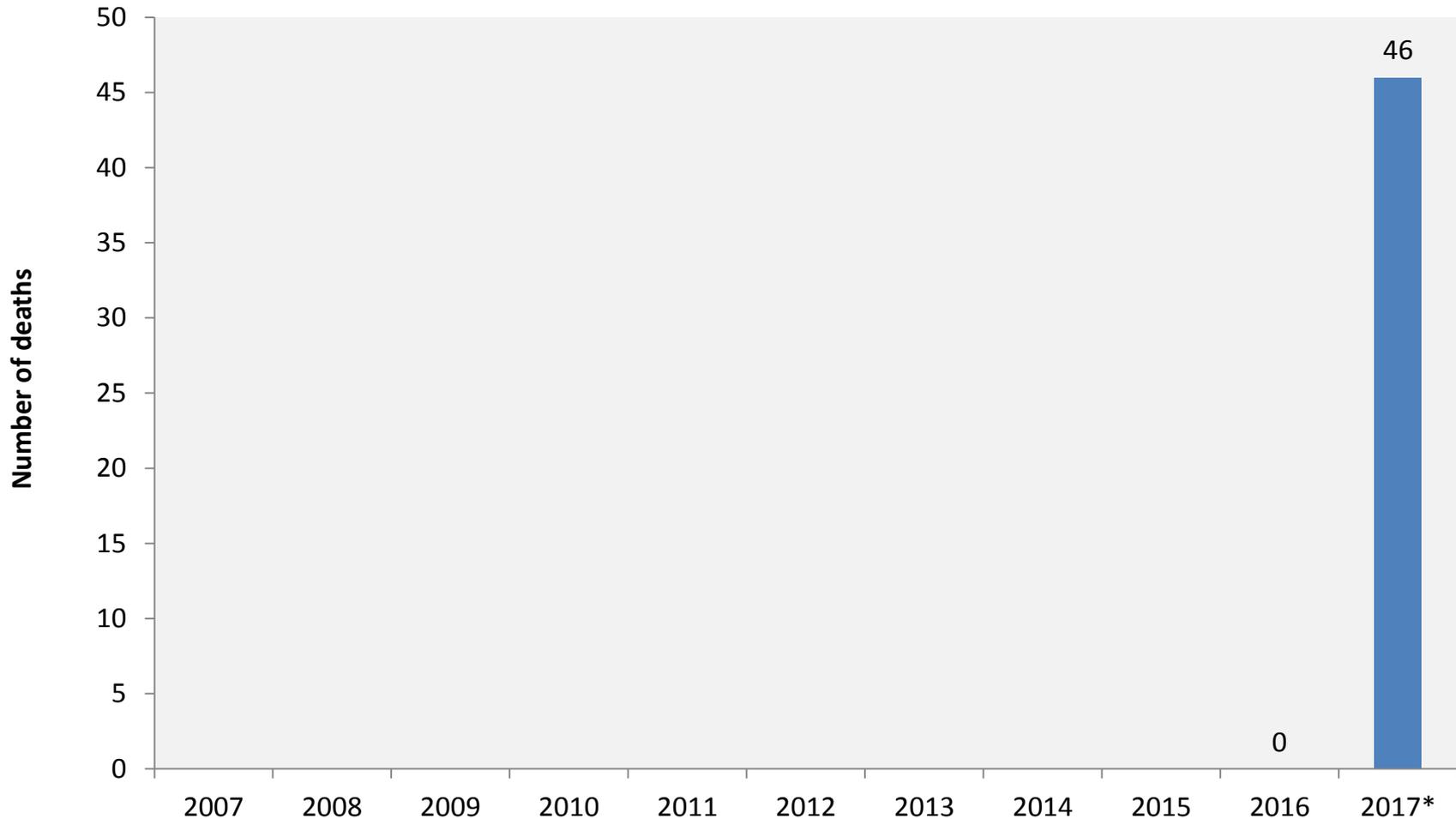
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\*2017 counts are preliminary.

**Figure 5. Number of Carfentanil-Related Deaths Occurring in Maryland from January through June of Each Year.\***

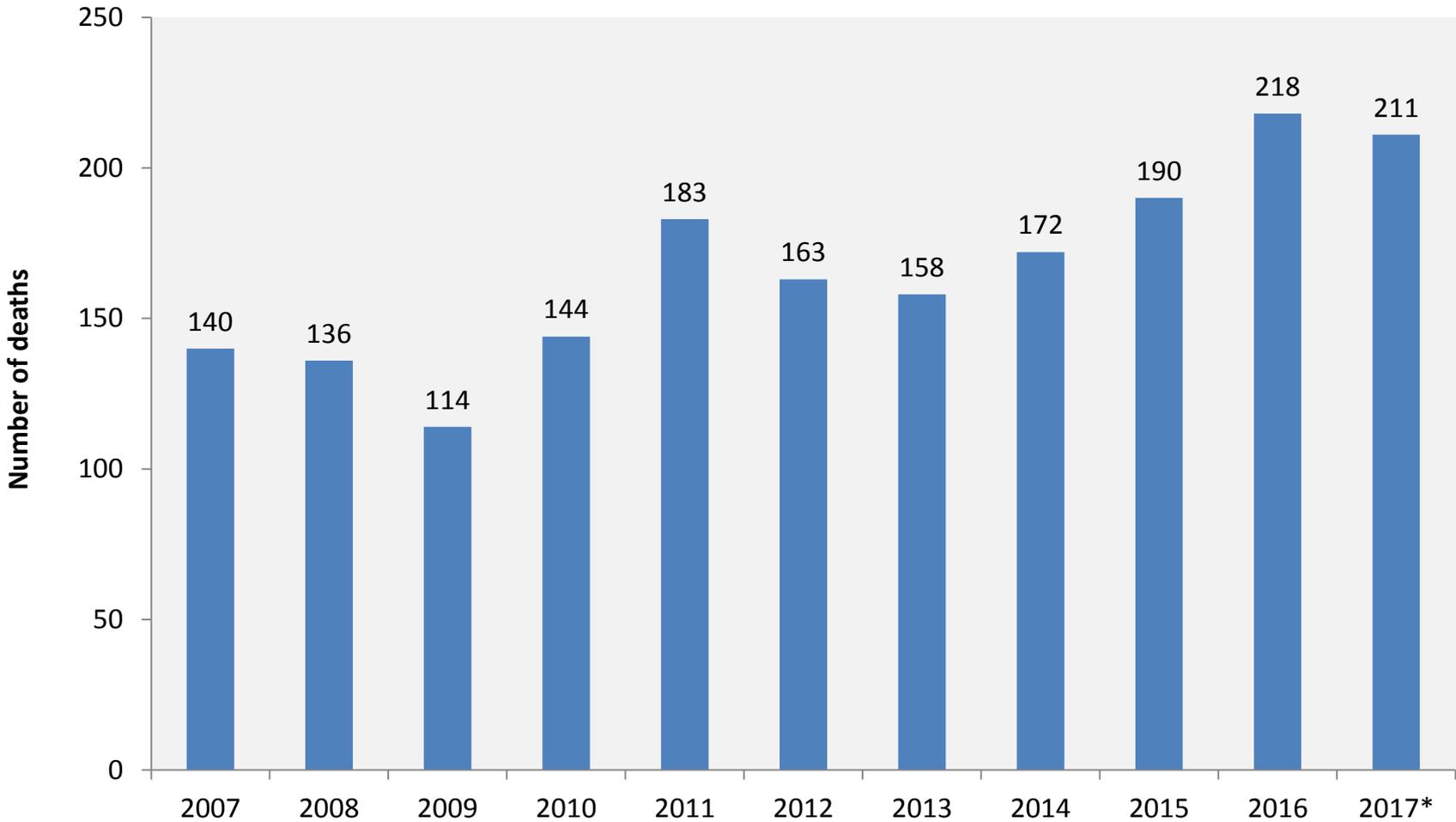
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\*2017 counts are preliminary.

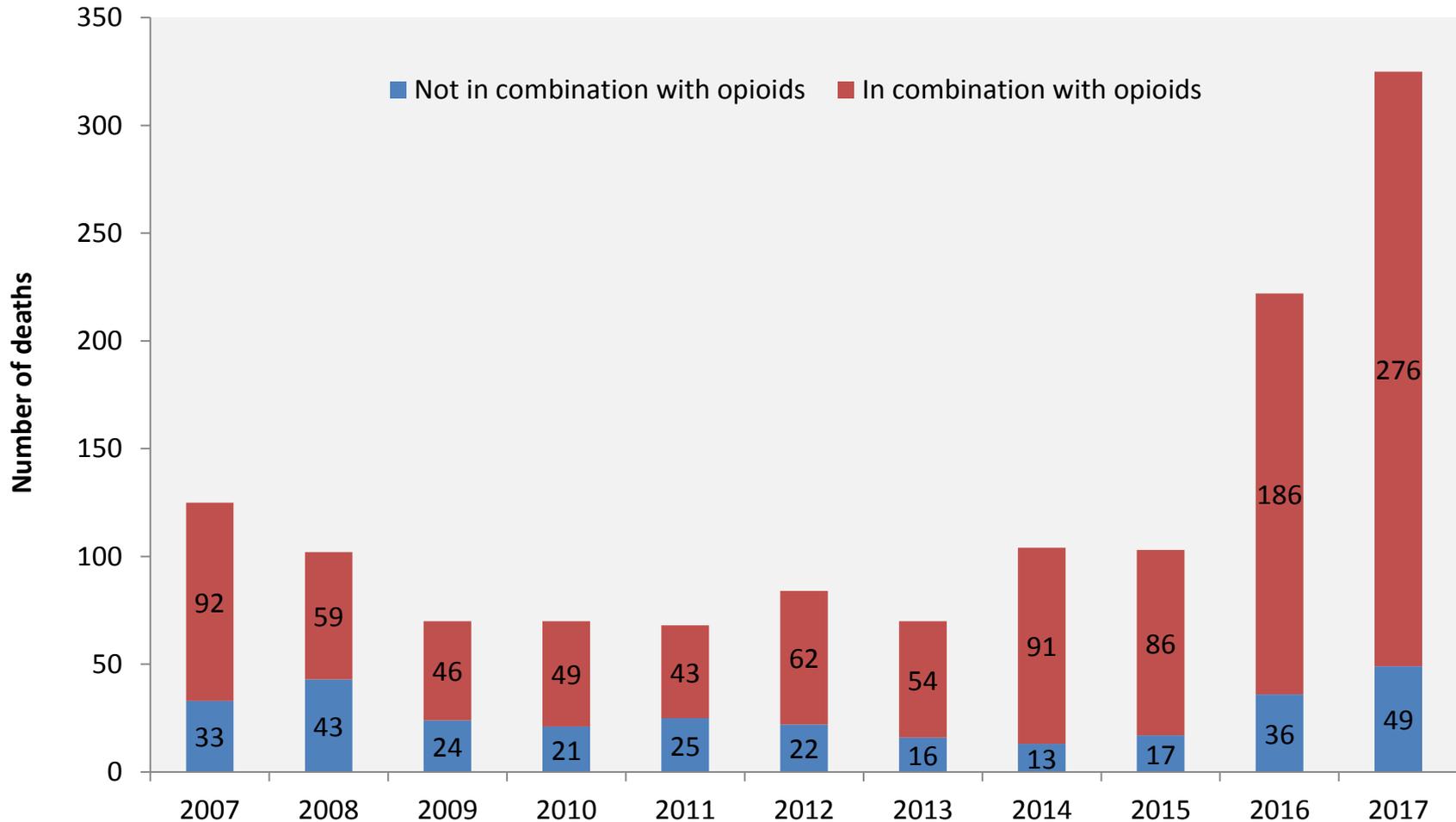
\*\* Screening for Carfentanil began in 2016, first detected in 2017

**Figure 6. Number of Prescription Opioid-Related Deaths Occurring in Maryland from January through June of Each Year.\***



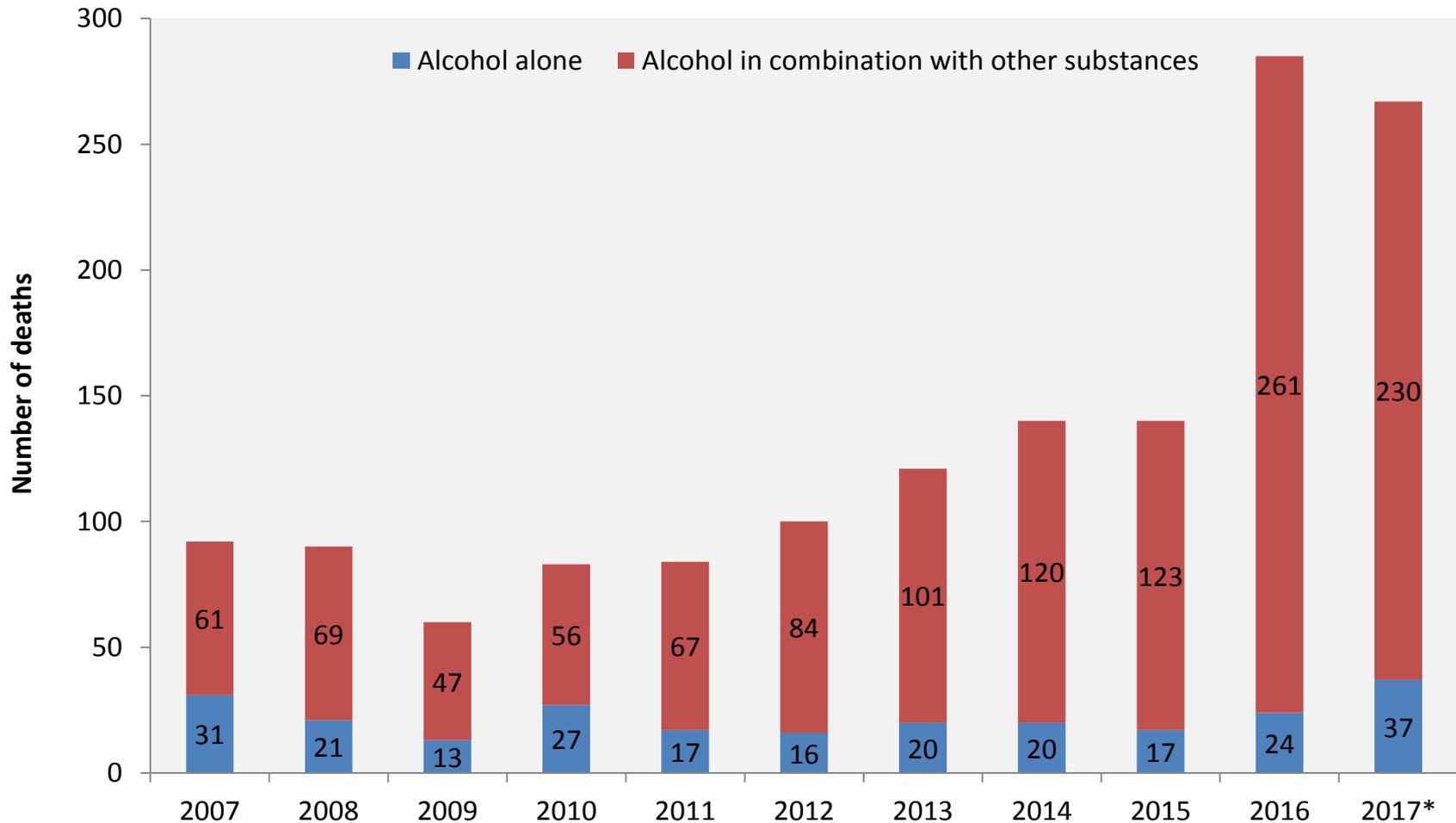
\*2017 counts are preliminary.

**Figure 7. Number of Cocaine-Related Deaths Occurring in Maryland from January through June of Each Year.\***



\*2017 counts are preliminary.

**Figure 8. Number of Alcohol-Related Deaths Occurring in Maryland from January through June of Each Year.\***



\*2017 counts are preliminary.

**Table 1. Comparison of Total Drug and Alcohol-Related Intoxication Deaths<sup>1,2</sup> by Place of Occurrence, Maryland, January -- June, 2017<sup>3</sup> and 2016.**

Jurisdiction	Drug & Alcohol Intoxication Deaths		2017 vs 2016
	Jan. - Jun. 2017	Jan. - Jun. 2016	# DIFFERENCE
Maryland Total	1172	979	193
Allegany	28	29	-1
Anne Arundel	111	103	8
Baltimore City	393	304	89
Baltimore County	187	171	16
Calvert	11	13	-2
Caroline	5	5	0
Carroll	29	16	13
Cecil	24	15	9
Charles	18	21	-3
Dorchester	7	3	4
Frederick	41	38	3
Garrett	5	0	5
Harford	52	34	18
Howard	31	19	12
Kent	2	4	-2
Montgomery	52	49	3
Prince George's	85	58	27
Queen Anne's	6	3	3
Somerset	2	5	-3
St. Mary's	17	9	8
Talbot	8	4	4
Washington	29	27	2
Wicomico	18	31	-13
Worcester	11	18	-7

<sup>1</sup>Includes deaths that were the result of recent ingestion or exposure to alcohol or another type of drug, including heroin, cocaine, prescription opioids, benzodiazepines, and other prescribed and unprescribed drugs.

<sup>2</sup>Includes only deaths for which the manner of death was classified as accidental or undetermined.

<sup>3</sup>Counts for 2017 are not complete.

**Table 2. Comparison of Opioid-Related Intoxication Deaths<sup>1,2</sup> by Place of Occurrence, Maryland, January – June, 2017<sup>3</sup> and 2016.**

Jurisdiction	Opioid-Related Intoxication Deaths		2017 vs 2016
	Jan. - Jun. 2017	Jan. - Jun. 2016	# DIFFERENCE
Maryland Total	1029	873	156
Allegany	26	28	-2
Anne Arundel	102	91	11
Baltimore City	358	271	87
Baltimore County	163	159	4
Calvert	7	12	-5
Caroline	4	4	0
Carroll	26	15	11
Cecil	23	13	10
Charles	16	15	1
Dorchester	6	2	4
Frederick	34	35	-1
Garrett	2	0	2
Harford	50	30	20
Howard	28	18	10
Kent	1	3	-2
Montgomery	43	39	4
Prince George's	63	50	13
Queen Anne's	4	2	2
Somerset	1	4	-3
St. Mary's	16	7	9
Talbot	7	4	3
Washington	25	27	-2
Wicomico	15	30	-15
Worcester	9	14	-5

<sup>1</sup>Includes deaths that were the result of recent ingestion or exposure to prescription and illicit opioids.

<sup>2</sup>Includes only deaths for which the manner of death was classified as accidental or undetermined.

<sup>3</sup>Counts for 2017 are not complete.

**Table 3. Comparison of Heroin-Related Intoxication Deaths<sup>1,2</sup> by Place of Occurrence, Maryland, January – June, 2017<sup>3</sup> and 2016.**

Jurisdiction	Heroin Intoxication Deaths		2017 vs 2016
	Jan. - Jun. 2017	Jan. - Jun. 2016	# DIFFERENCE
Maryland Total	586	579	7
Allegany	9	19	-10
Anne Arundel	68	58	10
Baltimore City	202	205	-3
Baltimore County	100	109	-9
Calvert	4	8	-4
Caroline	3	3	0
Carroll	14	13	1
Cecil	18	8	10
Charles	8	8	0
Dorchester	2	1	1
Frederick	17	16	1
Garrett	1	0	1
Harford	31	18	13
Howard	13	9	4
Kent	1	1	0
Montgomery	27	20	7
Prince George's	27	35	-8
Queen Anne's	4	2	2
Somerset	1	2	-1
St. Mary's	5	5	0
Talbot	2	2	0
Washington	11	18	-7
Wicomico	12	13	-1
Worcester	6	6	0

<sup>1</sup>Includes deaths that were the result of recent ingestion or exposure to heroin.

<sup>2</sup>Includes only deaths for which the manner of death was classified as accidental or undetermined.

<sup>3</sup>Counts for 2017 are not complete.

<b>Table 4. Comparison of Fentanyl-Related Intoxication Deaths<sup>1,2</sup> by Place of Occurrence, Maryland, January -- June, 2017<sup>3</sup> and 2016.</b>			
<b>Jurisdiction</b>	<b>Fentanyl Intoxication Deaths</b>		<b>2017 vs 2016</b>
	<b>Jan. - Jun. 2017</b>	<b>Jan. - Jun. 2016</b>	<b># DIFFERENCE</b>
Maryland Total	799	469	330
Allegany	20	12	8
Anne Arundel	77	41	36
Baltimore City	286	158	128
Baltimore County	126	79	47
Calvert	5	5	0
Caroline	4	1	3
Carroll	24	4	20
Cecil	14	4	10
Charles	11	8	3
Dorchester	4	2	2
Frederick	25	18	7
Garrett	0	0	0
Harford	37	15	22
Howard	21	12	9
Kent	1	2	-1
Montgomery	32	24	8
Prince George's	52	25	27
Queen Anne's	3	2	1
Somerset	1	4	-3
St. Mary's	12	4	8
Talbot	3	3	0
Washington	22	12	10
Wicomico	12	24	-12
Worcester	7	10	-3

<sup>1</sup>Includes deaths that were the result of recent ingestion or exposure to fentanyl (including carfentanyl, a form of fentanyl)

<sup>2</sup>Includes only deaths for which the manner of death was classified as accidental or undetermined.

<sup>3</sup>Counts for 2017 are not complete.

Table 5. Total Number of Drug and Alcohol-Related Intoxication Deaths<sup>1,2</sup> by Place of Occurrence, Maryland, 2007-2016 and YTD 2017 Through June.<sup>3</sup>

Jurisdiction	Drug & Alcohol Intoxication Deaths										
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017 YTD
Maryland Total	815	694	731	649	671	799	858	1,041	1,259	2,089	1,172
Allegany	14	9	9	15	12	14	15	12	22	59	28
Anne Arundel	71	70	63	56	79	83	78	101	112	195	111
Baltimore City	287	184	239	172	167	225	246	305	393	694	393
Baltimore County	131	118	106	115	107	119	144	170	220	336	187
Calvert	14	9	14	6	12	12	6	17	20	28	11
Caroline	1	4	2	2	11	4	2	7	3	10	5
Carroll	14	17	22	15	8	29	24	38	40	47	29
Cecil	25	10	24	24	28	25	26	29	32	30	24
Charles	13	16	11	13	11	13	9	21	22	45	18
Dorchester	4	5	2	6	2	5	5	0	1	6	7
Frederick	23	15	23	20	30	26	37	42	40	88	41
Garrett	1	3	3	3	2	0	6	2	5	1	5
Harford	31	35	33	43	38	39	36	43	50	84	52
Howard	16	19	16	10	21	24	29	21	26	46	31
Kent	3	4	2	5	2	0	4	6	3	6	2
Montgomery	56	46	44	38	44	48	52	65	70	102	52
Prince George's	53	58	59	43	42	56	59	63	70	129	85
Queen Anne's	4	5	4	4	5	2	8	10	4	8	6
Somerset	6	3	4	1	3	3	4	3	6	8	2
St. Mary's	6	11	9	12	8	12	10	9	17	15	17
Talbot	5	4	3	3	1	5	7	4	5	10	8
Washington	16	26	18	20	21	27	28	40	64	66	29
Wicomico	9	13	12	13	11	21	17	20	18	48	18
Worcester	12	10	9	10	6	7	6	13	16	28	11

<sup>1</sup>Includes deaths that were the result of recent ingestion or exposure to alcohol or another type of drug, including heroin, cocaine, prescription opioids, benzodiazepines, and other prescribed and unprescribed drugs.

<sup>2</sup>Includes only deaths for which the manner of death was classified as accidental or undetermined.

<sup>3</sup>Counts for 2017 are not complete.

Table 6. Number of Opioid-Related Intoxication Deaths<sup>1,2</sup> by Place of Occurrence, Maryland, 2007-2016 and YTD 2017 Through June.<sup>3</sup>

Jurisdiction	Opioid Intoxication Deaths										
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017 YTD
Maryland Total	628	523	570	504	529	648	729	888	1,089	1,856	1,029
Allegany	12	7	6	11	8	10	11	11	20	55	26
Anne Arundel	54	57	45	44	53	68	67	85	89	169	102
Baltimore City	256	154	199	139	142	189	212	275	354	628	358
Baltimore County	95	92	83	95	93	104	125	146	195	305	163
Calvert	12	6	11	4	10	11	5	16	19	25	7
Caroline	0	2	1	2	8	4	2	7	3	9	4
Carroll	12	15	16	12	7	27	21	29	34	44	26
Cecil	23	9	21	21	24	22	22	25	26	28	23
Charles	8	9	10	9	10	12	9	16	17	36	16
Dorchester	2	3	1	6	2	5	5	0	1	5	6
Frederick	12	7	18	12	28	23	33	34	37	80	34
Garrett	0	2	3	1	1	0	4	2	4	0	2
Harford	24	31	28	38	28	32	34	38	45	76	50
Howard	14	13	11	9	18	17	26	18	25	40	28
Kent	2	4	2	3	1	0	4	3	3	4	1
Montgomery	35	29	31	25	28	36	40	53	59	84	43
Prince George's	27	33	38	27	24	30	38	48	45	106	63
Queen Anne's	4	2	3	4	4	2	7	9	4	6	4
Somerset	5	3	2	1	3	2	4	2	4	6	1
St. Mary's	3	9	7	10	6	9	10	8	12	13	16
Talbot	3	3	2	2	1	3	6	4	5	10	7
Washington	11	21	14	13	16	20	26	34	57	63	25
Wicomico	6	7	10	10	10	17	14	15	17	44	15
Worcester	8	5	8	6	4	5	4	10	14	20	9

<sup>1</sup>Includes deaths that were the result of recent ingestion or exposure to prescription and illicit opioids.

<sup>2</sup>Includes only deaths for which the manner of death was classified as accidental or undetermined.

<sup>3</sup>Counts for 2017 are not complete.

Table 7. Number of Heroin-Related Intoxication Deaths<sup>1,2</sup> by Place of Occurrence, Maryland, 2007-2016 and YTD 2017 Through June.<sup>3</sup>

Jurisdiction	Heroin Intoxication Deaths										
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017 YTD
Maryland Total	399	289	360	238	247	392	464	578	748	1,212	586
Allegany	3	4	2	3	3	6	3	5	13	34	9
Anne Arundel	38	24	31	18	24	38	41	53	60	105	68
Baltimore City	200	107	151	93	76	131	150	192	260	454	202
Baltimore County	56	51	53	42	38	64	76	86	134	208	100
Calvert	5	3	7	1	5	6	2	13	15	17	4
Caroline	0	0	0	0	3	3	2	6	2	6	3
Carroll	9	5	7	3	2	13	14	16	22	25	14
Cecil	8	4	12	4	8	11	11	15	16	19	18
Charles	2	5	3	6	6	5	5	10	8	22	8
Dorchester	1	2	0	2	1	3	3	0	1	3	2
Frederick	8	4	9	6	11	10	21	26	26	46	17
Garrett	0	0	1	0	1	0	2	1	3	0	1
Harford	12	8	15	12	15	14	22	23	27	42	31
Howard	8	8	7	3	10	12	16	9	16	24	13
Kent	1	1	0	0	1	0	0	2	1	1	1
Montgomery	17	14	16	12	11	22	28	33	37	48	27
Prince George's	20	24	26	14	12	20	25	32	32	67	27
Queen Anne's	0	1	3	2	2	2	5	7	1	4	4
Somerset	2	1	1	0	1	2	1	1	3	3	1
St. Mary's	1	3	0	4	4	7	6	5	6	9	5
Talbot	1	2	0	0	1	2	2	4	3	4	2
Washington	5	13	11	6	8	11	14	21	38	39	11
Wicomico	1	3	3	5	3	9	11	12	13	21	12
Worcester	1	2	2	2	1	1	4	6	11	11	6

<sup>1</sup>Includes deaths that were the result of recent ingestion or exposure to heroin.

<sup>2</sup>Includes only deaths for which the manner of death was classified as accidental or undetermined.

<sup>3</sup>Counts for 2017 are not complete.

Table 8. Number of Fentanyl-Related Intoxication Deaths<sup>1,2</sup> by Place of Occurrence, Maryland, 2007-2016 and YTD 2017 Through June.<sup>3</sup>

Jurisdiction	Fentanyl Intoxication Deaths										
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017 YTD
Maryland Total	26	25	27	39	26	29	58	186	340	1,119	799
Allegany	3	0	1	2	1	1	1	1	5	29	20
Anne Arundel	3	5	3	5	2	3	6	23	29	98	77
Baltimore City	3	2	4	4	2	4	12	72	120	419	286
Baltimore County	6	9	9	6	4	5	11	36	65	182	126
Calvert	0	1	1	0	1	0	0	5	2	11	5
Caroline	0	0	0	1	4	0	0	0	1	3	4
Carroll	0	2	0	2	0	1	2	4	11	20	24
Cecil	2	1	0	2	2	0	0	1	7	9	14
Charles	0	0	0	0	1	1	3	1	4	17	11
Dorchester	0	0	0	2	0	0	2	0	1	3	4
Frederick	0	0	0	2	3	1	2	6	11	49	25
Garrett	0	1	0	0	1	0	0	0	2	0	0
Harford	1	1	0	3	2	1	1	2	16	46	37
Howard	1	0	0	0	0	2	3	5	7	27	21
Kent	0	0	0	0	0	0	0	1	0	3	1
Montgomery	2	0	1	1	0	2	0	8	17	43	32
Prince George's	1	0	2	2	0	1	6	7	15	58	52
Queen Anne's	1	0	0	0	0	0	1	1	0	4	3
Somerset	1	1	0	1	0	0	2	0	1	6	1
St. Mary's	0	0	1	1	1	0	1	3	3	4	12
Talbot	1	1	0	1	0	1	0	2	2	7	3
Washington	0	0	0	2	1	1	4	1	14	31	22
Wicomico	1	1	3	1	1	4	1	7	1	34	12
Worcester	0	0	2	1	0	1	0	0	6	16	7

<sup>1</sup>Includes deaths that were the result of recent ingestion or exposure to prescription or illicit fentanyl.

<sup>2</sup>Includes only deaths for which the manner of death was classified as accidental or undetermined.

<sup>3</sup>Counts for 2017 are not complete.

Table 9. Number of Prescription Opioid-Related Intoxication Deaths<sup>1,2</sup> by Place of Occurrence, Maryland, 2007-2016 and YTD 2017 Through June.<sup>3</sup>

Jurisdiction	Prescription Opioid Intoxication Deaths										
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017 YTD
Maryland Total	302	280	251	311	342	311	316	330	351	418	211
Allegany	9	5	6	8	5	5	8	6	6	15	8
Anne Arundel	22	36	20	31	33	33	28	32	27	48	22
Baltimore City	95	60	63	61	82	74	86	84	105	113	69
Baltimore County	48	51	37	60	68	47	54	59	62	67	39
Calvert	8	3	4	3	7	6	3	7	6	11	1
Caroline	0	2	1	2	5	1	0	1	0	4	0
Carroll	4	11	10	9	5	17	12	15	14	15	5
Cecil	19	6	10	20	20	18	12	12	10	8	3
Charles	6	6	7	4	5	7	5	9	8	10	7
Dorchester	2	1	1	4	1	3	3	0	0	2	2
Frederick	6	4	9	6	21	16	14	9	12	18	8
Garrett	0	2	2	1	1	0	2	2	1	0	1
Harford	15	25	14	30	15	20	14	20	16	16	9
Howard	6	6	4	6	9	5	13	7	9	6	7
Kent	2	3	2	3	1	0	4	2	2	0	1
Montgomery	20	17	19	14	20	18	16	19	23	26	11
Prince George's	8	12	13	17	15	11	14	16	13	16	6
Queen Anne's	4	1	1	2	2	0	3	3	3	2	0
Somerset	4	3	1	1	3	2	2	1	1	0	1
St. Mary's	3	7	7	9	3	5	4	3	5	4	4
Talbot	2	1	2	2	0	1	4	0	2	3	4
Washington	7	10	4	7	11	9	11	16	20	23	2
Wicomico	5	4	8	7	7	9	4	3	5	7	0
Worcester	7	4	6	4	3	4	0	4	1	4	1

<sup>1</sup>Includes deaths that were the result of recent ingestion or exposure to prescription opioids.

<sup>2</sup>Includes only deaths for which the manner of death was classified as accidental or undetermined.

<sup>3</sup>Counts for 2017 are not complete.

Table 10. Number of Cocaine-Related Intoxication Deaths<sup>1,2</sup> by Place of Occurrence, Maryland, 2007-2016 and YTD 2017 Through June.<sup>3</sup>

Jurisdiction	Cocaine Intoxication Deaths										
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017 YTD
Maryland Total	248	157	162	135	148	153	154	198	221	464	325
Allegany	2	1	1	1	0	2	2	2	5	9	7
Anne Arundel	26	18	15	13	18	13	12	19	19	31	32
Baltimore City	106	57	72	45	48	59	47	82	93	202	127
Baltimore County	30	25	25	23	19	17	27	28	38	80	62
Calvert	1	2	1	3	2	3	0	2	0	2	1
Caroline	0	0	1	0	1	1	0	1	0	5	2
Carroll	2	2	3	6	3	7	7	2	6	8	8
Cecil	5	3	4	3	7	2	5	4	3	3	2
Charles	3	3	2	2	1	1	0	0	2	4	4
Dorchester	1	1	0	1	1	1	1	0	0	1	5
Frederick	4	2	3	3	7	2	5	8	4	9	9
Garrett	0	0	0	1	0	0	0	0	1	0	0
Harford	8	5	5	5	4	5	4	4	5	20	8
Howard	6	1	4	1	5	7	5	3	6	7	10
Kent	1	2	0	1	0	0	0	1	1	0	1
Montgomery	20	12	7	4	12	12	13	10	5	11	7
Prince George's	15	14	11	12	12	10	12	19	11	33	21
Queen Anne's	3	0	2	0	1	0	0	0	0	1	1
Somerset	1	0	1	1	0	0	0	0	0	4	1
St. Mary's	1	1	1	2	0	2	1	1	4	2	4
Talbot	4	0	1	0	0	0	3	0	1	2	1
Washington	3	1	0	3	3	5	6	6	10	9	4
Wicomico	2	5	2	3	3	4	3	4	7	13	4
Worcester	4	2	1	2	1	0	1	2	0	8	4

<sup>1</sup>Includes deaths that were the result of recent ingestion or exposure to cocaine.

<sup>2</sup>Includes only deaths for which the manner of death was classified as accidental or undetermined.

<sup>3</sup>Counts for 2017 are not complete.

Table 11. Number of Alcohol-Related Intoxication Deaths<sup>1,2</sup> by Place of Occurrence, Maryland, 2007-2016 and YTD 2017 Through June.<sup>3</sup>

Jurisdiction	Alcohol Intoxication Deaths										
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017 YTD
Maryland Total	189	176	163	161	161	195	239	270	310	582	267
Allegany	5	0	3	4	2	4	2	3	6	14	4
Anne Arundel	12	12	9	10	21	15	22	18	27	56	21
Baltimore City	56	41	54	39	44	71	86	86	114	222	107
Baltimore County	38	23	22	29	22	24	32	39	52	81	35
Calvert	3	3	4	0	2	2	1	4	3	7	2
Caroline	1	0	1	0	1	0	1	2	0	5	2
Carroll	3	4	5	4	4	4	4	9	6	12	6
Cecil	5	4	7	6	3	6	9	5	8	8	4
Charles	5	5	1	4	3	2	4	5	4	12	5
Dorchester	2	0	0	1	0	1	0	0	1	1	0
Frederick	5	7	8	5	9	5	11	12	13	15	8
Garrett	1	2	1	1	1	0	2	1	1	1	2
Harford	3	9	5	9	4	6	4	8	11	18	6
Howard	2	7	5	3	4	6	6	6	5	14	5
Kent	0	0	0	1	0	0	1	1	0	1	0
Montgomery	17	15	9	10	16	15	13	18	15	22	17
Prince George's	21	19	14	17	12	23	22	18	17	45	25
Queen Anne's	1	2	0	1	3	0	1	7	0	2	4
Somerset	0	0	1	0	1	1	1	2	2	3	0
St. Mary's	2	1	3	2	2	3	2	3	4	3	6
Talbot	0	3	0	0	0	2	2	0	0	0	3
Washington	3	10	4	5	4	3	6	11	10	17	1
Wicomico	1	6	3	4	2	2	6	7	3	12	3
Worcester	3	3	4	6	1	0	1	5	8	11	1

<sup>1</sup>Includes deaths that were the result of recent ingestion or exposure to alcohol.

<sup>2</sup>Includes only deaths for which the manner of death was classified as accidental or undetermined.

<sup>3</sup>Counts for 2017 are not complete.